

Gravatt, Dan

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Sent: Wednesday, June 05, 2013 10:56 AM
To: Gravatt, Dan; jschu@usgs.gov; 'Victoria Warren'
Subject: Potential Offsite Wells
Attachments: Potential Offsite Wells.xlsx

I have reviewed the information John provided to identify offsite bedrock wells that could potentially be considered for sampling subject of course to there continued existence and our ability to achieve access. Because the alluvial aquifer at the site does not extend beneath the southern or eastern portions of the site or the offsite areas immediately to the east or south of the site, I focused on wells that were likely to have been completed in bedrock. My initial screen was to look at wells that were at least 50 feet deep or that the available information indicated were completed in bedrock. The attached table lists the well numbers, total depth, depth to bedrock and type of bedrock in the uppermost bedrock unit. I would like to discuss this on today's call if possible.

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OU-01

Possible Offsite Wells for Sampling

Well No.	Well Depth	Depth to Bedrock	Uppermost Bedrock
<u>S.S.M. DePaul Health Center</u>			
314898	76	16	Limestone
314899	75	28	Limestone
314900	75.5	22	Limestone
314901	76	33	Limestone
314902	100	20	Limestone
314903	76	18	Limestone
314904	75.5	21	Limestone
314905	75	25	Shale
314906	45.5	17	Limestone
314907	75	14	Limestone
314908	51	15	Limestone
314910	75	12	Limestone/Chert
314911	75	12	Limestone
314913	50.5	17	Limestone
<u>Weber Quarry/Progressive Waste Landfill</u>			
145443	270	3	Limestone/Shale
268171	98	8	Limestone
268172	138	8	Limestone
268173	178	14	Limestone
268174	218	14	Limestone
268175	95	51	Limestone
268176	135	51	Limestone
268177	175	51	Limestone
268187	205	81	Limestone
314888	382	44	Shale
314889	332	58	Shale
314890	232	58	Shale
314891	212	48	Coal
314892	125	34	Coal
<u>Earth City</u>			
145097	94	39	Limestone
145098	167	10	Shale/Siltstone
174724	162	No information	No information
314893	223	70	Shale
314894	304	80	Shale
<u>Bridgeton Trails</u>			
159179	380	53	Shale
Lots of other wells			